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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT James Austin Kendrick	et al.	
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U.S. PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
2,825,721	3/4/58	Hogan et al.	260	88.1	3/26/56
2,915,513	12/1/59	Leatherman et al.	260	94.9	5/21/54
3,152,872	10/13/64	Scoggin et al.	34	15	3/6/61
3,172,737	3/9/65	Whittington	23	285	7/6/61
3,242,150	3/22/66	Scoggin M	260	88.2	3/31/60
3,248,179	4/26/66	Norwand	23	285	2/26/62
3,257,363	6/21/66	, Niller et al.	260	88.2	5/22/61
3,262,922	7/28/66	Payne	260	93.7	2/8/63
3,293,000	12/20/64	Marwil-	23	285	10/5/62
3,318,857	5/9/67	Dietz	260	93.7	5/24/63
3,324,093	6/6/67	Alleman	260	88.2	10/21/63
3,418,305	12/24/68	Payne et al.	260	94.9	11/25/64
3,551,403	12/29/70	Delbouille et al.	260	94.9	8/1/68
3,625,658	12/7/71	Closon	23	285	5/12/69
3,794,627	2/26/74	Giachetto	260	88.2	7/27/71
3,816,383	6/11/74	Stotko	260	94.9	5/1/72
3,858,943	1/7/75	Bose et al.	302	26	3/13/73
3,956,061	5/11/76	Young et al.	159	48 L	2/19/74
3,956,257	5/11/76	Hogan	526	64	8/14/75
	NUMBER 2,825,721 2,915,513 3,152,872 3,172,737 3,242,150 3,248,179 3,257,363 3,262,922 3,293,000 3,318,857 3,324,093 3,418,305 3,551,403 3,625,658 3,794,627 3,816,383 3,858,943 3,956,061	NUMBER	NUMBER	NUMBER DATE NAME CLASS 2,825,721 3/4/58 Hogary et al. 260 2,915,\$13 12/1/59 Leatherman et al. 260 3,152,872 10/13/64 Scoggin et al. 34 3,172,737 3/9/65 Whittington 23 3,242,150 3/22/66 Scoggin 260 3,248,179 4/26/66 Norweda 23 3,257,363 6/21/66 Niller et al. 260 3,262,922 7/28/66 Payne 260 3,293,000 12/20/66 Marwill 23 3,318,857 5/9/67 Dietz 260 3,324,093 6/6/67 Alleman 260 3,418,305 12/24/68 Payne et al. 260 3,551,403 12/29/70 Delbouille et al. 260 3,625,658 12/7/71 Closoh 23 3,794,627 2/26/74 Giachetto 260 3,858,943 1/7/75 Bose et al. 302 <t< td=""><td>NUMBER DATE NAME CLASS SUBCLASS 2,825,721 3/4/58 Hogan et al. 260 88.1 2,915,513 12/1/59 Leatherman et al. 260 94.9 3,152,872 10/13/64 Scoggin et al. 34 15 3,172,737 3/9/65 Whittington 23 285 3,242,150 3/22/66 Scoggin 260 88.2 3,248,179 4/26/66 Norwedd 23 285 3,257,363 6/21/66 Niller et al. 260 88.2 3,262,922 7/28/66 Payne 260 93.7 3,293,000 12/20/66 Manwilt 23 285 3,318,857 5/9/67 Dietz 260 93.7 3,324,093 6/6/67 Alleman 260 88.2 3,418,305 12/24/68 Payne et al. 260 94.9 3,625,638 12/7/71 Closon 23 285 3,794,627 2/26/74 Giachett</td></t<>	NUMBER DATE NAME CLASS SUBCLASS 2,825,721 3/4/58 Hogan et al. 260 88.1 2,915,513 12/1/59 Leatherman et al. 260 94.9 3,152,872 10/13/64 Scoggin et al. 34 15 3,172,737 3/9/65 Whittington 23 285 3,242,150 3/22/66 Scoggin 260 88.2 3,248,179 4/26/66 Norwedd 23 285 3,257,363 6/21/66 Niller et al. 260 88.2 3,262,922 7/28/66 Payne 260 93.7 3,293,000 12/20/66 Manwilt 23 285 3,318,857 5/9/67 Dietz 260 93.7 3,324,093 6/6/67 Alleman 260 88.2 3,418,305 12/24/68 Payne et al. 260 94.9 3,625,638 12/7/71 Closon 23 285 3,794,627 2/26/74 Giachett

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4,007,321	2/8/77	Scholz et al.	526	64	2/20/75
4,099,335	7/11/78	ezl et al.	34	9	11/19/76
4,121,029	10/17/78	urvin et al.	526	64	12/6/76
4,199,546	4/22/80	Kirch	422	132	3/16/78
4,372,758	2/8/83	Bobst et al.	55	48	9/2/80
4,383,972	5/17/83	McCurdy et al.	422	131	7/15/81
4,395 523	7/26/83	Kirch (422 926	64	5/27/82
4,424 341	1/3/84	Hansen et al.	528	501	9/2 /81
4,436 902	3/13/84	Wood et al.	528	501	2/12/82
4,439,601	3/27/84	McCurdy et al.	528	481	7/15/81
4,461,889	.7/24/84	Hanson	528	498	9/17/80
4,501,885	2/26/85	Sherk et al.	528	501	10/14/81
4,589,957	5/20/86	Sherk et al.	203	75	8/25/83
4,613 484	9/23/86	Ayres et al.	422	132	1 /30/84
4,632,976	12/30/86	Asanuma et al.	528	497	4/16/85
4,690,804	9/1/87	Roblfing	422	219	\$/18/85
4,713,444	12/15/87	Masuyama et al.	528	502	5/30/86
4,737,280	4/12/88	Hanson	210	181	5/7/84
4,794,151	12/27/88	Mueller-Mall et al.	526	64	4/8/87
4,832,915	5/23/89	Messura et al.	422	62	12/17/84
5,183,866	2/2/93	Hotovy	526	88	12/30/89
5,207,929	5/4/93	Sung et al.	210	774	8/2/91

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5,276,115	1/4/94	Bohmer et al.	526	126	12/14/92
5,292,863	3/8/94	Wang	528	483	11/2/92
5,314,579	5/24/94	Sung	159	47.	12/22/92
5,326,835	7/5/94	Ahvenainen et al.	526	64	8/20/92
5,387,659	2/7/95	Hottovy et al	526	59	2/8/93
5,391,656	2/21/95/	Campbell et al.	526	68	9/24/93
5,416,179	5/16/95	Welch et al.	#685	160	3/16/94
5,436,212	7/25/95	Geerts	502	113	4/15/94
5,455,314	10/3/95	Burns et al.	526	61	7/27/94
5,473,020	12/5/95	Peiter et al.	525	243	6/30/94
5,480,948	1/2/96	Geeris	526	142	3/28/95
5,492,985	2/20/98	Peifer et a.	526	127	5/31/95
5,565,174	10/15/96	Burns et al.	422	131	6/6/95
5,565,175	10/15/96	Hottovy et al.	422	132	10/1/90
5,575 979	11/19/96	Hanson	422	132	3/4/91
5,597 892	1/28/97	Hanson	528	501	6/6/95
5,639,834	6/17/97	Debras et al.	526	64	10/26/94
5,712,365	1/27/98	Arai et al.	528	498	3/20/96
5,747,407	5/5/98	Martin ·	502	26	8/29/96
5,986,021	11/16/99	Hokkanen et al.	526	64	2/10/98
6,042,790	3/28/00,	Hottovy et al.	422	131	10/24/94
6,045,661	4/4/00	Kreischer et al.	203	73	5/20/98

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	6,239,235	5/29/01	Hottovy et al.	526	64	7/15/97
	1,693,786	12/04/28	Isaachsen		١	•
	2,988,527	06/13/61	Tegge	260		
	3,203,766	08/31/65	Mudd et al.	1/23		
	3,640,980	02/08/72	Baba	260 260		
	2001/0012497	08/09/0	Depras	422		·
	4,596,862	04/2486	McDaniel et al.			
	6,204,344	03/20/01	Kendrick et al.	526	64	05/18/99
	6,281,300	08/28 01	Kendrick	526	88	05/18/98
	6,319,997	11/20/01	Kendrick et al.	526	64	10/05/00
	6,380,325	04/30/02	Kendrick	526	64	09/05/00
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FOREIGN PATENT DOCUMENTS

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EXAMINER	DOCUMENT					TRANSLAT	ION
INITIAL	NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	CA 857386	`12/1/70	Canada				
	EP 415427	3/6/91	EPO .		\		
	EP 416379	3/13/91	EPO				
	EP 432555	6/19/91	EPO	,			
	EP 648697	4/19/95	EPO \	ĺ.			
	EP 891999	1/20/99	EPO \	W			
	JP 72013367	1972	Japan W			X (English- language translation of abstract)	
	JP 62-13408	8/14/89	Japan		1	X	
	JP 07-286004	10/31/95	Japan	-		×	
•	GB 841263	7/13/60	United Kingdom				
	GB 1 435 965	5/19/76	United Kingdom				
	WO 01/05842 A1	1/25/01	PCT	\			
	WO 99/47251	09/23/99	PCT				
·	WO 99/60028	11/25/99	PCT				
	DE 1800935	05/69	Germany			1	
	WO 97/36942	0/09/97	РСТ			\	
	WO 00/02929	01/20/00	PCT	1			

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FORM PTO-1449 U.S. DEPARTMENT OF CO PATENT AND TRADEMAR				ATTY. DO P23713	OCKET NO.	APPLICAT 10/023,677	ION NO.
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•		FILING DATE February 14, 2002	GROUP 1713

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Michael Arne, SRI International, HIGH DENSITY POLYETHYLENE, Supplement D, A private report by the PROCESS ECONOMICS PROGRAM, May 1989.
	K.B. Bryan et al., "Polypropylene: Supplement A." SRI International Report, Process Economics Program, Report No. 128A, August (1993).
	J.P. Hogan et al., "Phillips Petroleum Company Loop Reactor Folyethylene Technology," Journal of Applied Polymer Science: Applied Polymer Symposium, 36, 49-60 (1981).
	R.H. Perry & C.H. Chilton (Eds.), Chemical Engineers' Handbook (5th dec.), McGraw-Hill, Inc., New York, New York, pp. 5-46 – 5-47 (1973).
	"Total Quality Report", Baton Rouge, Louisiana, Vol. 13, No. 1, Jan/Feb. p. 4 (1998).
	USSN: 09/080,412 entitled "Continuous Slurry Polymerization Volatile Removal", filed May 18, 1998, Inventor: James Austin Kendrick (98B014/2)
	USSN: 09/955,729 entitled "Continuous Slurry Polymerization Volatile Removal", filed September 19, 2001, Inventors: James Austin Kendrick et al. (98B014A/3)
	USSN: 10/085,809 entitled "Continuous Slurry Polymerization Process and Apparatus", filed February 28, 2002, Inventor: James Austin Kendrick (98B014E)
	USSN: 10/147,219 entitled "Continuous Slurry Polymerization Volatile Removal", filed May 14, 2002, Inventor: James Austin Kendrick (98B014/6)
	USSN: 09/992,770 entitled "Continuous Surry Polymerization Volatile Removal", filed November 6, 2001, Inventors: James Austin Kendrick et al. (98B014B)
	USSN: 09/992,590 entitled "Continuous Slurry Polymerization Volatile Removal", filed November 6, 2001, Inventors: James Austin Kendrick et al. (98B014C)
	USSN: 10/375,660 entitled "Continuous Slurry Polymerization Process and Apparatus", filed February 27, 2003, Inventors: James Austin Kendrick et al. (98B014A/4)
	USSN: 10/079,226 entitled "Continuous Slurry Polymerization Process and Apparatus", filed February 19, 2002, Inventors: James Austin Kendrick et al. (98B014D) USSN: 10/260,010 entitled "Continuous Slurry Polymerization Process and Apparatus", filed
	March 11, 2003, Inventors: James Austin Kendrick et al. (98B014A/5) USSN: 10/260,011 entitled "Continuous Slurry Polymerization Process and Apparatus", filed
	March 11, 2003, Inventors: James Austin Kendrick et al. (9880148/2)

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